

REMARKS

Reconsideration of this application, as amended, is respectfully requested.

This response is submitted in response to the Final Office Action mailed July 28, 2004, to request reconsideration of the rejection of claims 1 – 14 as set forth therein. In the event the Examiner determines that the foregoing amendments do not place the case in condition for allowance, it is respectfully requested that the above amendments be entered to place the claims in better form for consideration on appeal.

In the Final Office Action, the Examiner maintains the rejection of claims 1-14 under 35 U.S.C. §102(b) as being allegedly anticipated by U.S. Patent No. 5,406,616 to Bjorndahl (hereinafter “Bjorndahl”). In response, independent claims 1 and 8 have been amended to clarify their distinguishing features.

Specifically, independent claims 1 and 8 have been amended to recite the steps of sending a callback request from the relay station to the second terminal, interrupting the second connection, re-establishing the second connection from the second terminal to the relay station, and then linking the first connection with the second connection in order to establish the callback communication between the first and second terminals. Support for the amendment is found throughout the specification; specifically, in Figs. 4-8, and on page 10, line 20 – page 13, line 28.

The present invention, as provided in independent claims 1 and 8, recite a method and a relay station for establishing a first connection between a first terminal and the relay station, sending the callback request from the first terminal to the relay station, establishing a second connection between a second terminal and the relay station while the first connection is kept established in response to a request from the second terminal, sending a callback request from the relay station to the second terminal, interrupting the second connection, re-establishing the

second connection from the second terminal to the relay station, and linking the first connection with the second connection in order to establish callback communication between the first and second terminals.

As seen in Fig. 3, when the first connection is established and the wireless connection controller 25 receives a callback request from the wireless terminal 14, the calling controller 24 directs the connection controller 23 to establish callback connection with the data server 3 while the wireless connection controller 25 is keeping the first connection established. The connection controller 23 directs the sending controller 27 to establish second connection and to send callback request to the data server 3. After sending the callback request, the second connection is interrupted. Then, when the receipt detector 22 detects a call to the wireless station 13 via the ISON 2, the connection controller 23 decides whether the call is sent from the data server 3 or not. If the call is sent from the data server 3, the receipt detector 22 accepts the call to establish the second connection again. After both the first and the second connections are established, the first and second connections are linked with each other in order to perform data communication between the data server 3 and the wireless terminal 14.

As seen in Fig. 4, the wireless terminal 14 establishes first connection and sends a callback request to the wireless station 13 (STEP 41). Next, the wireless station 13 sends the callback request to the data server 3 while the first connection is kept established (STEP 42, 43). Then, the second connection is interrupted (STEP 44) and the data server 3 establishes the second connection again and sends callback to the wireless station 13 (STEP 45). After that, the wireless station 13 links the first connection with the second connection (STEP 46). Finally, data communication between the wireless terminal 14 and the data server 3 is performed (STEP 47).

Bjorndahl, in Col. 4, line 17 to Col. 5, line 65, discloses an A-subscriber A1 that calls a B-subscriber B1 and attempts to establish a call connection. The A-subscriber A1 is informed that the B-subscriber B1 is busy with another caller, by means of a busy or engaged tone, i.e. a rapid sequence of short tone signals. The A-subscriber A1 dials the digit "5" on his telephone keypad, thereby requesting an "automatic callback when busy" service. The B-subscriber B1 is free to receive calls when an ongoing call with another subscriber is terminated. The A-subscriber A1 is informed by a rapid sequence of short ringing signals that the B-subscriber B1 is free to receive calls, and the A-subscriber acknowledges the message by lifting his telephone receiver.

A connection is established from the A-subscriber A1 to the B-subscriber B1, by sending an initial address message and the mobile station roaming number from the gateway mobile switching center to the local mobile services switching center. The B-subscriber B1 is informed of the A-subscriber's call with a conventional signal, whereupon the B-subscriber answers the call by lifting his telephone receiver or by some corresponding action and the connection is therewith considered established.

According to the cited reference, a connection between the A-subscriber A1 and the local exchange LE is established to send a request for "automatic callback when busy" service. Next, the connection is released. Then, another connection 2 is established between the A1 and the LE to let the A1 subscriber know that the B1 subscriber is free to receive calls. After that, communication is established between the A1 subscriber and the B1 subscriber. The connection 1 is released and is not maintained until the B1 is free to receive calls.

Further, Bjorndahl completely fails to teach sending a callback request from the relay station to the second terminal, interrupting the second connection, and re-establishing the second

connection from the second terminal to the relay station, and then linking the first connection with the second connection in order to establish callback communication between the first and second terminals, as recited in independent claims 1 and 8.

Therefore, Applicant respectfully submits that the 35 U.S.C. §102(b) rejection of claims 1-14 under Bjorndahl is improper. Anticipation requires the presence in a single prior art reference, disclosure of each and every element of the claimed invention, arranged as in the claim. Lindeman Maschinenfabrik GMBH v. American Hoist and Derrick Company, 730 F.2d 1452, 1458, 221 U.S.P.Q. 481, 485 (Fed. Cir. 1984). Accordingly, Applicant respectfully requests withdrawal of the 35 U.S.C. §102(b) rejection of claims 1-14, and respectfully requests allowance of claims 1-14.

In view of the above, it is respectfully submitted that this application is in condition for allowance. Accordingly, it is respectfully requested that this application be allowed and a Notice of Allowance issued. If the Examiner believes that a telephone conference with Applicant's attorney would be advantageous to the disposition of this case, the Examiner is requested to telephone the undersigned.

Respectfully submitted,



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